NC/PMC/YD/W3/2018-19/DBM2 Date: 03-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :

(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: To determine the percentage of bitumen and gradation for DBM mix sample.
{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*. M/s SMLP Asphalts.

TEST RESULTS

A. Type of Construction : **Dense Graded Bituminous Macadam.**

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **4.53 %**

2. **Gradation Test**

TABLE 1.1

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-10 of MORTH Specfications-2013 DBM (Grading - 2)
37.5	100	100
26.5	97.60	90-100
19.0	81.25	71-95
13.20	76.70	56-80
4.75	50.25	38-54
2.36	37.90	28-42
0.300	16.85	7-21
0.075	6.75	2-8

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Proprietor

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NC/PMC/YD/W3/2018-19/DS2 Date: 05-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :
(STABILITY OF BITUMINOUS MIX)

Sub: To determine the stability of bituminous mix for DBM mix sample.
{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s SMLP Asphalts.

TEST RESULTS

Table 1: Properties of DBM (Gr-2) Mix

Sl. No.	Test Property	*Test results obtained by Marshall method	Requirements of Dense Bituminous Macadam, Grade-2 as per M.o.R.T&H (IV Revision)-2001 Specifications
1	Marshall Stability (75 blows) (At 60°C), kgs.	1290	900
2	Marshall Flow at 60°C, mm.	2.95	2.0 - 4.0

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NC/PMC/YD/W3/2018-19/DBM3 Date: 05-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :

(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: To determine the percentage of bitumen and gradation for DBM mix sample.
{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s SMLP Asphalts.

TEST RESULTS

A. Type of Construction : **Dense Graded Bituminous Macadam.**

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **4.50 %**

2. **Gradation Test**

TABLE 1.1

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-10 of MORTH Specfications-2013 DBM (Grading - 2)
37.5	100	100
26.5	94.65	90-100
19.0	88.40	71-95
13.20	74.55	56-80
4.75	49.30	38-54
2.36	37.10	28-42
0.300	18.45	7-21
0.075	5.50	2-8

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NC/PMC/YD/W3/2018-19/DS3 Date: 07-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :
(STABILITY OF BITUMINOUS MIX)

Sub: To determine the stability of bituminous mix for DBM mix sample.
{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s SMLP Asphalts.

TEST RESULTS

Table 1: Properties of DBM (Gr-2) Mix

Sl. No.	Test Property	*Test results obtained by Marshall method	Requirements of Dense Bituminous Macadam, Grade-2 as per M.o.R.T&H (IV Revision)-2001 Specifications
1	Marshall Stability (75 blows) (At 60°C), kgs.	**1325**	900
2	Marshall Flow at 60°C, mm.	**3.70**	2.0 - 4.0

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NC/PMC/YD/W3/2018-19/DBM4 Date: 05-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :

(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: To determine the percentage of bitumen and gradation for DBM mix sample.
{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s SMLP Asphalts.

TEST RESULTS

A. Type of Construction : **Dense Graded Bituminous Macadam.**

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **4.54 %**

2. **Gradation Test**

TABLE 1.1

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-10 of MORTH Specfications-2013 DBM (Grading - 2)
37.5	100	100
26.5	96.65	90-100
19.0	85.30	71-95
13.20	67.60	56-80
4.75	51.45	38-54
2.36	36.75	28-42
0.300	17.80	7-21
0.075	5.95	2-8

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NC/PMC/YD/W3/2018-19/DS4 Date: 07-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :
(STABILITY OF BITUMINOUS MIX)

Sub: To determine the stability of bituminous mix for DBM mix sample.
{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s SMLP Asphalts.

TEST RESULTS

Table 1: Properties of DBM (Gr-2) Mix

Sl. No.	Test Property	*Test results obtained by Marshall method	Requirements of Dense Bituminous Macadam, Grade-2 as per M.o.R.T&H (IV Revision)-2001 Specifications
1	Marshall Stability (75 blows) (At 60°C), kgs.	1280	900
2	Marshall Flow at 60°C, mm.	3.05	2.0 - 4.0

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NC/PMC/YD/W3/2018-19/DBM5 Date: 07-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :

(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: To determine the percentage of bitumen and gradation for DBM mix sample.

{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s SMLP Asphalts.

TEST RESULTS

A. Type of Construction : **Dense Graded Bituminous Macadam.**

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **4.51 %**

2. **Gradation Test**

TABLE 1.1

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-10 of MORTH Specfications-2013 DBM (Grading - 2)
37.5	100	100
26.5	97.63	90-100
19.0	84.25	71-95
13.20	76.30	56-80
4.75	49.40	38-54
2.36	38.65	28-42
0.300	19.40	7-21
0.075	7.05	2-8

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NC/PMC/YD/W3/2018-19/DS5 Date: 09-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :
(STABILITY OF BITUMINOUS MIX)

Sub: To determine the stability of bituminous mix for DBM mix sample.
{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s SMLP Asphalts.

TEST RESULTS

Table 1: Properties of DBM (Gr-2) Mix

Sl. No.	Test Property	*Test results obtained by Marshall method	Requirements of Dense Bituminous Macadam, Grade-2 as per M.o.R.T&H (IV Revision)-2001 Specifications
1	Marshall Stability (75 blows) (At 60°C), kgs.	1305	900
2	Marshall Flow at 60°C, mm.	3.65	2.0 - 4.0

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NC/PMC/YD/W3/2018-19/DBM6 Date: 09-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :
(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: To determine the percentage of bitumen and gradation for DBM mix sample.
{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
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Name of the Agency/Contractor*: M/s SMLP Asphalts.

TEST RESULTS

A. Type of Construction : **Dense Graded Bituminous Macadam.**

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **4.50 %**

2. **Gradation Test**

TABLE 1.1

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-10 of MORTH Specfications-2013 DBM (Grading - 2)
37.5	100	100
26.5	98.45	90-100
19.0	84.60	71-95
13.20	73.50	56-80
4.75	50.45	38-54
2.36	36.50	28-42
0.300	17.65	7-21
0.075	5.95	2-8

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NC/PMC/YD/W3/2018-19/DS6 Date: 12-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :

(STABILITY OF BITUMINOUS MIX)

Sub: To determine the stability of bituminous mix for DBM mix sample.

{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
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Name of the Agency/Contractor*: M/s SMLP Asphalts.

TEST RESULTS

Table 1: Properties of DBM (Gr-2) Mix

Sl. No.	Test Property	*Test results obtained by Marshall method	Requirements of Dense Bituminous Macadam, Grade-2 as per M.o.R.T&H (IV Revision)-2001 Specifications
1	Marshall Stability (75 blows) (At 60°C), kgs.	**1269**	900
2	Marshall Flow at 60°C, mm.	**3.28**	2.0 - 4.0

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NC/PMC/YD/W3/2018-19/DBM7 Date: 12-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :

(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: To determine the percentage of bitumen and gradation for DBM mix sample.

{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s SMLP Asphalts.

TEST RESULTS

A. Type of Construction : **Dense Graded Bituminous Macadam.**

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **4.52 %**

2. **Gradation Test**

TABLE 1.1

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-10 of MORTH Specfications-2013 DBM (Grading - 2)
37.5	100	100
26.5	97.10	90-100
19.0	84.25	71-95
13.20	71.60	56-80
4.75	48.05	38-54
2.36	39.60	28-42
0.300	18.70	7-21
0.075	7.05	2-8

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NC/PMC/YD/W3/2018-19/DS7 Date: 13-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :

(STABILITY OF BITUMINOUS MIX)

Sub: To determine the stability of bituminous mix for DBM mix sample.

{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
BBMP, Bangalore

Name of the Agency/Contractor*: M/s SMLP Asphalts.

TEST RESULTS

Table 1: Properties of DBM (Gr-2) Mix

Sl. No.	Test Property	*Test results obtained by Marshall method	Requirements of Dense Bituminous Macadam, Grade-2 as per M.o.R.T&H (IV Revision)-2001 Specifications
1	Marshall Stability (75 blows) (At 60°C), kgs.	**1285**	900
2	Marshall Flow at 60°C, mm.	**2.85**	2.0 - 4.0

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NC/PMC/YD/W3/2018-19/DBM9 Date: 14-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :

(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: To determine the percentage of bitumen and gradation for DBM mix sample.
{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s SMLP Asphalts.

TEST RESULTS

A. Type of Construction : **Dense Graded Bituminous Macadam.**

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **4.51 %**

2. **Gradation Test**

TABLE 1.1

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-10 of MORTH Specfications-2013 DBM (Grading - 2)
37.5	100	100
26.5	97.25	90-100
19.0	83.65	71-95
13.20	78.50	56-80
4.75	47.65	38-54
2.36	36.90	28-42
0.300	18.55	7-21
0.075	7.10	2-8

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NC/PMC/YD/W3/2018-19/DBM10 Date: 15-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :

(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: To determine the percentage of bitumen and gradation for DBM mix sample.

{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s SMLP Asphalts.

TEST RESULTS

A. Type of Construction : **Dense Graded Bituminous Macadam.**

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **4.50 %**

2. **Gradation Test**

TABLE 1.1

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-10 of MORTH Specfications-2013 DBM (Grading - 2)
37.5	100	100
26.5	95.85	90-100
19.0	82.50	71-95
13.20	77.45	56-80
4.75	45.30	38-54
2.36	39.30	28-42
0.300	18.45	7-21
0.075	6.55	2-8

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NC/PMC/YD/W3/2018-19/DBM11 Date: 17-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :

(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: To determine the percentage of bitumen and gradation for DBM mix sample.
{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s SMLP Asphalts.

TEST RESULTS

A. Type of Construction : **Dense Graded Bituminous Macadam.**

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **4.54 %**

2. **Gradation Test**

TABLE 1.1

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-10 of MORTH Specfications-2013 DBM (Grading - 2)
37.5	100	100
26.5	94.50	90-100
19.0	88.45	71-95
13.20	75.70	56-80
4.75	48.40	38-54
2.36	35.15	28-42
0.300	18.30	7-21
0.075	6.15	2-8

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NC/PMC/YD/W3/2018-19/DS11 Date: 19-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :
(STABILITY OF BITUMINOUS MIX)

Sub: To determine the stability of bituminous mix for DBM mix sample.
{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s SMLP Asphalts.

TEST RESULTS

Table 1: Properties of DBM (Gr-2) Mix

Sl. No.	Test Property	*Test results obtained by Marshall method	Requirements of Dense Bituminous Macadam, Grade-2 as per M.o.R.T&H (IV Revision)-2001 Specifications
1	Marshall Stability (75 blows) (At 60°C), kgs.	1260	900
2	Marshall Flow at 60°C, mm.	2.90	2.0 - 4.0

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NC/PMC/YD/W3/2018-19/DBM12 Date: 19-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :
(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: To determine the percentage of bitumen and gradation for DBM mix sample.
{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
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Name of the Agency/Contractor*: M/s SMLP Asphalts.

TEST RESULTS

A. Type of Construction : **Dense Graded Bituminous Macadam.**

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **4.50 %**

2. **Gradation Test**

TABLE 1.1

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-10 of MORTH Specfications-2013 DBM (Grading - 2)
37.5	100	100
26.5	98.30	90-100
19.0	82.65	71-95
13.20	76.40	56-80
4.75	48.55	38-54
2.36	37.65	28-42
0.300	16.85	7-21
0.075	7.10	2-8

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For Newzen Consultants Bangalore

Proprietor

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NC/PMC/YD/W3/2018-19/DS12

Date: 20-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :
(STABILITY OF BITUMINOUS MIX)

Sub: To determine the stability of bituminous mix for DBM mix sample.
{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s SMLP Asphalts.

TEST RESULTS

Table 1: Properties of DBM (Gr-2) Mix

Sl. No.	Test Property	*Test results obtained by Marshall method	Requirements of Dense Bituminous Macadam, Grade-2 as per M.o.R.T&H (IV Revision)-2001 Specifications
1	Marshall Stability (75 blows) (At 60°C), kgs.	**1265**	900
2	Marshall Flow at 60°C, mm.	**3.15**	2.0 - 4.0

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NC/PMC/YD/W3/2018-19/BB1 Date: 05-11-2018

1. TEST REPORT ON BITUMEN SAMPLE:

Sub: Testing of Bitumen sample VG-30 Grade.

{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s SMLP Asphalts.

Technical Reference: Ministry of Road Transport and Highways, V Revision, 2013 and IS 73: 1992.

TABLE 1.1 ;

SL No	Details	Test Results	Requirements as per I.S 73 –1992 Specifications
1.	Penetration at 25° C	**51.50° C**	Min. 45
2.	Ductility Value at 25° C	**110.0 cm**	40
3.	Flash point	**239° C**	Minimum 220° C
4.	Softening point	**50.0° C**	Min. 47

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NC/PMC/YD/W3/2018-19/CB1 Date: 05-11-2018

1. TEST REPORT ON COARSE AGGREGATE:

Sub: Testing of Coarse Aggregate used in Bituminous Concrete.
{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}
Ref.: Material testing/PMC/18-19,
Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
BBMP, Bangalore.
Name of the Agency/Contractor*: M/s SMLP Asphalts.

TABLE 1.1 ;

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS 383-1970 & M.o R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	21.60 %	Not more than 24.00 %
2.	Combined Flakiness and Elongation index, %	27.45 %	Not more than 35.0 %
3.	Water absorption, %	0.36%	Not more than 2.0 %
4.	Specific gravity	2.61	-------
5.	Soundness	5.85 %	Max. 12 % in Sodium Sulphate

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NC/PMC/YD/W3/2018-19/BC1

Date: 07-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :

(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: To determine the percentage of bitumen and gradation for BC mix sample.
{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s SMLP Asphalts.

TEST RESULTS

A. Type of Construction : **Bituminous Concrete**

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.42 %**

2. **Gradation Test**

TABLE 1.1

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-17 of MORTH Specfications-2013 BC (Grading - 2)
19.0	100	100
13.2	96.35	90-100
9.5	82.70	70-88
4.75	62.10	53-71
2.36	52.55	42-58
1.18	40.30	34-48
0.600	31.65	26-38
0.300	20.80	18-28
0.150	14.10	12-20
0.075	8.45	4-10

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NC/PMC/YD/W3/2018-19/BC2 Date: 09-11-2018

1.TEST REPORT ON BITUMINOUS MIXES :

(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: To determine the percentage of bitumen and gradation for BC mix sample.

{Project*: Improvement and asphalting to roads Construction of Rangamandira Improvements and Providing Chainlink fencing to Parks in ward no. 03 of Yelahanka New town sub division.}

Ref.: Material testing/PMC/18-19,

Report Required for: Assistant Executive Engineer,
Yelahanka New town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s SMLP Asphalts.

TEST RESULTS

A. Type of Construction : **Bituminous Concrete**

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.40 %**

2. **Gradation Test**

TABLE 1.1

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-17 of MORTH Specfications-2013 BC (Grading - 2)
19.0	100	100
13.2	97.45	90-100
9.5	80.65	70-88
4.75	68.40	53-71
2.36	50.50	42-58
1.18	42.65	34-48
0.600	32.70	26-38
0.300	24.55	18-28
0.150	18.65	12-20
0.075	7.40	4-10

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